



SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: Kushner, Peter
Uht, Rosalie M.
Webb, Paul

(ii) TITLE OF INVENTION: Methods for Screening Nuclear
Transcription Factors for the Ability to Modulate an
Estrogen Response

(iii) NUMBER OF SEQUENCES: 4

(iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE: Townsend and Townsend and Crew LLP
(B) STREET: Two Embarcadero Center, Eighth Floor
(C) CITY: San Francisco
(D) STATE: California
(E) COUNTRY: USA
(F) ZIP: 94111-3834

(v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:
(A) APPLICATION NUMBER: US 09/103,355
(B) FILING DATE: 23-JUN-1998
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: US 60/051,309
(B) FILING DATE: 30-JUN-1997

(viii) ATTORNEY/AGENT INFORMATION:
(A) NAME: Hunter, Tom
(B) REGISTRATION NUMBER: 38,498
(C) REFERENCE/DOCKET NUMBER: 023070-080510US

(ix) TELECOMMUNICATION INFORMATION:
(A) TELEPHONE: (415) 576-0200
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(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 7 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(ix) FEATURE:
(A) NAME/KEY: -
(B) LOCATION: 1..7
(D) OTHER INFORMATION: /note= "consensus AP-1 site (or AP-1
response element)"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

TGASTCA

7

(2) INFORMATION FOR SEQ ID NO:2:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 15 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(ix) FEATURE:

- (A) NAME/KEY: -
- (B) LOCATION: 1..15
- (D) OTHER INFORMATION: /note= "consensus estrogen response element"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

AGGTCACAGT GACCT

15

(2) INFORMATION FOR SEQ ID NO:3:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 7 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(ix) FEATURE:

- (A) NAME/KEY: -
- (B) LOCATION: 1..7
- (D) OTHER INFORMATION: /note= "unmutated consensus AP-1 response element"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

TGAGTCA

7

(2) INFORMATION FOR SEQ ID NO:4:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 7 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(ix) FEATURE:

- (A) NAME/KEY: -
- (B) LOCATION: 1..7
- (D) OTHER INFORMATION: /note= "mutated AP-1 response element from Coll517mAP-1-CAT"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

GTACTCA